



PATENTS
Attorney Docket No. CENT/008 DIV CON

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Applicants : Murray et al.
Application No. : 10/052,879 Confirmation No. : 1807
Filed : October 22, 2001
For : METHODS FOR USE OF MPL LIGANDS WITH
PRIMITIVE HUMAN STEM CELLS
Group Art Unit : 1635
Examiner : Sean McGarry

New York, New York
September 29, 2004

Hon. Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

TERMINAL DISCLAIMER UNDER 37 C.F.R. § 1.321(b) and (c)

NOVARTIS AG, a corporation organized and existing under the laws of the Swiss Confederation, having an office and place of business at Lichtstrasse 35, Basel 4078, Switzerland ("NOVARTIS", represents that it is the assignee of record of the entire right, title and interest, by assignment, of the following:

United States patent Application 10/052,879 ("the '879 application"), for "METHODS FOR USE OF MPL LIGANDS WITH PRIMITIVE HUMAN STEM CELLS," filed on October 22, 2001, which is a continuation of Application 09/328,188, filed on June 8,

1999, now U.S. Patent 6,326,205 ("the '205 patent"), which is a division of Application 08/550,167, filed October 30, 1995, now U.S. Patent 6,060,052 ("the '052 patent").

An assignment to NOVARTIS of the entire right, title and interest in and to the subject matter of the '879 application, the '052 and '205 patents was recorded in the United States Patent and Trademark Office on January 24, 2003 at Reel/Frame 013380/0584 (copy attached).

The undersigned, on behalf of NOVARTIS, hereby disclaims the terminal portion of any patent granted on the '879 application which would extend beyond the expiration date of the '052 patent or the '205 patent.

The undersigned, on behalf of NOVARTIS, agrees that any patent so granted on the '879 application shall be enforceable only for and during such period as the legal title to said patent shall be the same as the legal title to the '052 patent and the '205 patent, this agreement to run with any patent granted on the '879 application and to be binding upon the grantee of the patent and its successors and assigns.

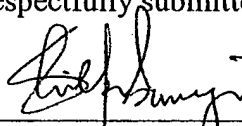
The undersigned does not disclaim any terminal portion of any patent granted on the '879 application prior to the full statutory term of the '052 patent or the '205 patent, in the event that the '052 patent or the '205 patent subsequently (a) expires for failure to pay a maintenance fee, (b) is held unenforceable, (c) is found invalid by a court of competent jurisdiction, (d) is statutorily disclaimed in whole or terminally disclaimed under 37 C.F.R. § 1.321(a), (e) has all claims canceled by a reexamination certificate, or (f) is otherwise

terminated prior to expiration of its statutory term, except for the separation of legal title stated above.

The undersigned hereby states and certifies that:

1. The undersigned is an attorney of record in the above-identified patent application (associate power of attorney filed herewith) and is authorized to act on behalf of assignee corporation in connection with said application; and
2. The above-identified assignment document has been reviewed and, to the best of the undersigned's and assignee's knowledge and belief, title to the '879 application, the '052 patent and the '205 patent is in assignee.

Respectfully submitted,

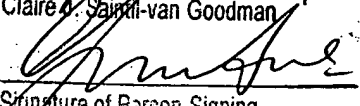


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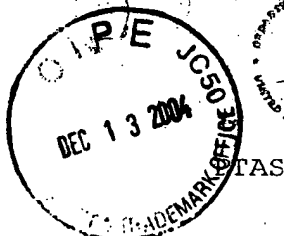
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September 29, 2004
Claire D. Saint-van Goodman


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JANUARY 28, 2003

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BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
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